

## Iron Reagent A

### Health & Safety data sheet

According to EC Directive 91/155/EC and following amendments

Revision Date: 2016-06-01

Reason for Revision: Reviewed Only

#### **SECTION 1 - IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY**

**Product name:**

- Mi 552A-020 Iron Reagent A

**Application:**

- Iron test for wine analysis

**Manufacturer identification:**

Milwaukee Instruments  
2950 Business Park Drive  
Rocky Mount, NC 27804

**Emergency Telephone n.º:** no hazardous product

#### **SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS**

Mixture of crystalline powders.

#### **SECTION 3 - HAZARD IDENTIFICATION**

No hazardous product as specified in Directive 67/548/EEC.

#### **SECTION 4 - FIRST AID MEASURES**

Remove contaminated, soaked clothing immediately and dispose of safely.

- **After inhalation** : fresh air.
- **After skin contact** : wash off with plenty of water.
- **After eye contact** : rinse out with plenty of water. If pain persists, summon medical advice.
- **After swallowing** : obtain medical attention if feeling unwell.

#### **SECTION 5 – FIRE-FIGHTING MEASURES**

- **Suitable extinguishing media**
  - foam, powder, spray water.
- **Special risks:**
  - Combustible.
- **Special protective equipment for fire fighting:**
  - Do not stay in dangerous zone without suitable chemical protection clothing and self-contained breathing apparatus.
- **Additional information:**
  - Prevent fire residues and contaminated fire fighting water from entering surface water or groundwater.

#### **SECTION 6 - ACCIDENTAL RELEASE MEASURES**

- **Personal precautions:**
  - Avoid formation of dusts. Do not inhale dusts.
- **Environmental precautions:**
  - Do not discharge into the drains/surface waters/groundwater.
- **Additional notes:**
  - Take up dry. Clean up affected area and dispose according to local regulation. Avoid generation of dusts.

#### **SECTION 7 - HANDLING AND STORAGE**

- **Handling:**
  - Protect from light.
- **Storage:**
  - Store at room temperature (+15 to +25 °C recommended).
  - Tightly closed. Protect from light and moisture.

#### **SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION**

- **Personal protective equipment:**
  - Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled.

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- **Respiratory protection:**
  - Required when dusts are generated.
- **Protective gloves:**
  - Rubber or plastic
- **Eye protection:**
  - Goggles or face mask

#### **SECTION 9 - PHYSICAL/CHEMICAL PROPERTIES**

- **Appearance and odor** : white powder; odorless.
- **Solubility in water** : ~ 330 g/L
- **Melting point** : 190 – 192 °C
- **Boiling point** : NA
- **pH value at 20°C** : 2.2 – 2.5 at 50 g/L in water
- **Density at 20°C** : 1.65 g/cm<sup>3</sup>
- **Ignition temperature** : 380 °C
- **Flash point** : NA
- **Explosion limits** : NA

#### **SECTION 10 - STABILITY AND REACTIVITY**

- **Conditions to be avoided:**
  - Strong heating, light exposition.
- **Hazardous decomposition products:**
  - None.
- **Substances to be avoided:**
  - Copper, alloys, zinc, metal ions, oxidizing agent.
- **Further information:**
  - Stable in the recommended storage conditions.
  - Reducing agent.

#### **SECTION 11 - TOXICOLOGICAL INFORMATION**

Quantitative data on the toxicity of this product are not available.

- **In case of skin contact** : possibility of slight irritations.
- **In case of eye contact** : slight irritations.
- **Further data** : the product should be handled with the care usual when dealing with chemicals.

#### **SECTION 12 - ECOLOGICAL INFORMATION**

- **Ecotoxic effect** : quantitative data on the ecological effect of this product are not available.
- **Further ecological data** : no ecological problems are to be expected when the product is handled and used with due care and attention.

#### **SECTION 13 - DISPOSAL CONSIDERATIONS**

- **Waste disposal:**
  - Chemical residues are generally classified as special waste and thus covered by local regulations. Contact local authorities or disposal companies for advice.
  - Handle contaminated packaging in the same way as the substance itself.

#### **SECTION 14 - TRANSPORT INFORMATION**

Not subject to transport regulations.

#### **SECTION 15 - REGULATORY INFORMATION**

##### **Labeling according to EC Directives:**

- Symbol: -
- R-phrases : -
- S-phrases : 22-24/25 Do not breathe dust. Avoid contact with skin and eyes.
- Contains : -

#### **SECTION 16 - OTHER INFORMATION**

- **Supersedes edition of** : - (1<sup>st</sup> edition)
- **Legend** : NA Not applicable  
ND Not determined

THE INFORMATION CONTAINED HEREIN IS BASED ON THE PRESENT STATE OF OUR KNOWLEDGE. IT CHARACTERIZES THE PRODUCT WITH REGARD TO THE APPROPRIATE SAFETY PRECAUTIONS. IT DOES NOT REPRESENT A GUARANTEE OF THE PROPERTIES OF THE PRODUCT.